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BY:

Julie A. Eslick

INFORMATION DISCLOSURE STATEMENT PURSUANT TO
37 C.F.R. §§1.97-1.98

PATENT APPLICATION

Applicant(s): Hiroyuki YAMAUCHI, et al.
Serial No.: 10/708,238
Group Art Unit: TBD
TITLE: SIGNAL TRANSMITTING
RECEIVING APPARATUS

Docket No.: 28569.5817
Filing Date: February 18, 2003
Confirmation No.: 2237
Examiner: TBD

Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure under 37 C.F.R. §1.56 and pursuant to 37 C.F.R. §§1.97-1.98, the reference or references listed and identified on the attached PTO-1449 based form are being submitted here for consideration by the Examiner. Any copy of the items listed on the enclosed copy of Form PTO-1449 that is not enclosed with this Information Disclosure Statement was previously cited by or submitted to the Patent and Trademark Office in the prior Parent Application, U.S. Serial No. 09/553,308, filed April 20, 2000, under 37 C.F.R. §1.98.

The reference or references are being cited only in the interest of candor and without any admission that they constitute statutory prior art or contain matter which anticipates the invention or which would render the same obvious, either singly or in combination, to a person of ordinary skill in the art.

This Information Disclosure Statement (IDS) is being filed under 37 C.F.R. §1.97(b)(1) as each item of information contained in this disclosure is being submitted within three months of the filing of this application, as such no fee should be required. If Applicant has overlooked any fees, however, the Commissioner is hereby authorized to debit Deposit Account No. 19-2814 for the same. **A duplicate copy of this Information Disclosure Statement is enclosed for this purpose.**

If there are any questions concerning this IDS, the Examiner is requested to contact the undersigned. If it is determined that this IDS has been filed under the wrong rule, the United States Patent and Trademark Office is requested to consider this IDS under the proper rule (with a petition if necessary) and charge the appropriate fee to Deposit Account No. 19-2814.

Respectfully submitted,

Date: 4-19-04

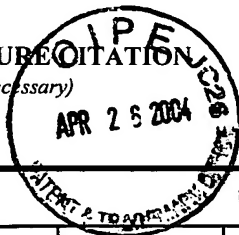
By S. Slip for
Michael K. Kelly
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Enclosures: PTO-1449
Patent copies

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INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)



Docket Number (Optional)

28569.5817

Application Number

10/708,238

Applicant(s)

Hiroyuki YAMAUCHI, et al.

Filing Date

February 18, 2004

Group Art Unit

TBD

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO
		1996-0030605	08/17/1996	Korea-priority to US5578939				
		KR140029	01/25/1995	Korea				
		WO 96/36114	11/14/1996	PCT				
		05-046291	02/26/1993	Japan				
		58-092139	06/01/1983	Japan				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.